

20000202.ba v02_n795.bam.20000202

>From ???@??? Wed Feb 2 12:07:44 2000 -0600
Date: Wed, 2 Feb 2000 12:04:54 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2795
Message-Id: <20000202180716.51787274D9@devel43.theporch.com>

BOATANCHORS Digest 2795

Topics covered in this issue include:

- 1) SX-115 WTB
by Sandy Gerli <angerli@home.com>
- 2) CV-116/URR Wanted
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
- 3) Re: Info HQ129x
by James Hanlon <knjhanlon@uswest.net>
- 4) PLEASE CHECK YOUR JUNKBOX
by David Stinson <arc5@ix.netcom.com>
- 5) Grid-Dippers (Re: Millen 90641 Grid dipper)
by charles kadesch <chas@digizen.net>
- 6) "Bluing" Metal
by David Stinson <arc5@ix.netcom.com>
- 7) Panel Meters For Sale
by CBRENNER@uwec.edu
- 8) ADMINISTRIVIA: Buying and Selling Guidelines
by listown@jackatak.theporch.com (Mail List Owner)
- 9) FIVE EUPHORIA
by polepeeg@aaa4rm.ba-watch.org (Marty's Refl. Drop)
- 10) CHOKE
by "Larry L. Ravlin" <sheepdip@continent.com>
- 11) Need Schmatic Cheyenne Xmtr
by Bill Breshears <bbuck@cccconline.net>
- 12) Wanted: WS11 Operating/Schematics Manual
by Andre Guibert <aguibert@sympatico.ca>
- 13) Re: TCS Coast to Coast!
by "Ed Zeranski" <ezeran@concentric.net>
- 14) RA-17C Impressive!!!
by "Ed Tanton" <n4xy@att.net>
- 15) Re: TCS models
by Hue Miller <kargokult@proaxis.com>
- 16) ARRRG! DROWNED RATs!
by David Stinson <arc5@ix.netcom.com>
- 17) "Bluing"
by "Richard Brunner" <rbrunner@gis.net>
- 18) Hammarlund HX-500...

- by Jack Harper <jharper@bsi2000.com>
19) RE: "Bluing" on metal parts...
by "Sandy W5TVW" <ebjr@i-55.com>
20) Re: TCS Coast to Coast
by WF2U <mbendror@villagenet.com>
21) RE: "Bluing" on metal parts...
by William Donzelli <aw288@osfn.org>
22) STUFF FS
by JACK Iverson <jackiv@juno.com>
23) Re: [ARC5] Re: TCS Coast to Coast
by David Stinson <arc5@ix.netcom.com>
24) RE: Bluing on metal parts...
by tsmith@hal-pc.org

Message-ID: <38965204.96CB9BB6@home.com>
Date: Mon, 31 Jan 2000 22:24:52 -0500
From: Sandy Gerli <angerli@home.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SX-115 WTB
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, friends,

Looking for an SX-115. Anyone interested in selling one?

73,

--

Sandy Gerli, AC1Y
500 Country Club Road
Avon, CT 06001-2406
(860) 675-5566
E-Mail: angerli@home.com

Life Member: ARRL, QCWA
Collins Collectors Association
Hallicrafters Collectors Association

Boatanchors are Ham Radio's living heritage!
Restore something! Smell that hot solder!
Good as booze. And, you can get up afterwards...if you stay away
from the B+!!
Keep your finals dipped, now...

Date: Mon, 31 Jan 2000 23:34:06 -0500
From: "ROBERT W. DOWNS" <RWDDowns_WA5CAB@compuserve.com>
Subject: CV-116/URR Wanted
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200001312334_MC2-9722-1021@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Groups,

I'm interested in acquiring a CV-116/URR FSK converter to go with my R-38=8,
R-390, R-725 and CV-157. I had one in the 60's that I used with several Super Pro's but can't remember what became of it.

Robert Downs
WA5CAB
Houston

Message-ID: <3896628E.1BF4C040@uswest.net>
Date: Mon, 31 Jan 2000 21:35:26 -0700
From: James Hanlon <knjhanlon@uswest.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Info HQ129x
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George, wa6hcx, inquired about his HQ129x which has the words Hammarlund and HQ129x in red and the dial cover plate in chrome. I've had four HQ129x's go through my hands in the last few years, and they've had several different variations in panel paint color. One of my current units has the red features you describe, George, but the dial cover plate is the usual dark grey. I've never seen one that was chrome, maybe a previous owner got creative.

By the way, I wonder what happened to all of the HQ129x tuning knobs? Maybe they form one of the outer rings of Saturn, the one just beyond the ring made up of mismatched socks?

Jim, W8KGI

Message-ID: <38951FC9.12BA107B@ix.netcom.com>
Date: Sun, 30 Jan 2000 23:38:17 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: PLEASE CHECK YOUR JUNKBOX
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Please check your junk box for these doo-dads:

<http://www.arc5.com/new4/millen.htm>

Thanks and 73,
Dave S.

Message-ID: <389718BC.1D0E13F2@digizen.net>
Date: Tue, 01 Feb 2000 09:32:44 -0800
From: charles kadesch <chas@digizen.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Grid-Dippers (Re: Millen 90641 Grid dipper)
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Don: The Millen 46721 might be what you are looking for. I found one at a hamfest. It is a probe with a loop at each end to couple into the circuit being tested on one end and to the dipper coil on the other. It is designed to operate up to 65 MHz with no self resonant dips due to the probe. Very handy. Rufus Turner's book "How to use Grid-Dip Oscillators" has info on homebrewing a probe. I highly recommend this book to any GDO user.

-73-

Charles W3KC

w0dg wrote:

> Could anyone tell me if this unit came
> with test leads (sniffer) ? Or where I might obtain
> them. Any help appreciated.

Message-ID: <3895A3B3.4FE9B900@ix.netcom.com>
Date: Mon, 31 Jan 2000 09:01:07 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>
Subject: "Bluing" Metal
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've got some knobs made of aluminum and
switch toggles made of either brass or steel
which, at one time, were "blued" in some fashion.
That is, they have a dark, near black coating
this is not paint. You've doubtless seen this
on "blued" firearms.
Can anyone tell me how this "bluing" might be restored?

TNX ES 73 DE Dave Stinson AB5S

Message-ID: <3DD3BED8DB4DD311B0EE0020484050DC2C52CD@kyle.uwec.edu>
From: CBRENNER@uwec.edu
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Panel Meters For Sale
Date: Tue, 1 Feb 2000 09:55:13 -0600

I have the following panel meters for sale. They are all new-in-box (NIB) with all
mounting hardware, templates etc.

- 2 Simpson Model 2123, 3.5" Square, 0-150 DCMA \$20.00 ea.
- 1 Simpson Model 25, 3.5" Round, 0-50 DCMA \$20.00
- 1 GE Model 254300EMEM1, "Big Look", 3.5" Square, 0-500 DC-Micro amps \$20.00

Prices do not include shipping. Figure shipping from ZIP 54751.

Chuck Brenner
WB9GJW

-- "Real Radios Glow In The Dark" --

Message-Id: <200002011715.e11HF1e10896@jackatak.theporch.com>
From: listown@jackatak.theporch.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Buying and Selling Guidelines
Date: Tue, 1 Feb 100 11:15:01 CST

Gang-

This periodic posting is intended as a gentle nudge and suggestion which should improve the quality of posts to the BoatAnchors list, and maintain our excellent (and high) signal to noise ratio...

The list culture has developed to include "for sale" and "wanted" posts. Originally, all buying and selling traffic was focused on finding parts to complete a restoration. As the list has evolved, there has been an increase in buying and selling activity, which may not be all bad.

There is, however, a real need to observe certain conventions, lest this otherwise benign activity turn into a real disturbance to the real purpose of the list: discussions of radio equipment using vacuum tubes, including the life and times of the designers and users of such gear.

Please observe these guidelines:

There is never a reason for an auction post or update on the Boatanchors List... comments about gear at auction elsewhere are noise, and those who would care already visit the auction sites, and those who do not frequent the auctions do not want to hear about it... simple policy

- 1) LIMIT the frequency of for sale postings... once a month is a good starting point
- 2) DO NOT post endless "xxx is sold" to the entire list... you offered it for sale, and it is not considerate of list resources (which include the time and energy of the other list members) to burden the list with these senseless notices. Use direct email to those who responded, or, if you don't want to answer them personally, just don't use the list to advertise them for sale!
- 3) AVOID even the mere faint appearance that you are posting items for sale as a regular adjunct to your business dealings. This has become more of a problem lately with some long lists showing up regularly on the main list, or with dealers who appear to be using the list for their personal advertising advantage. Failure to observe these basics *will* result in banishment from the list -- just don't do it! When even a shadow of doubt creeps in, read the "Welcome" message again... it spells it out!
- 4) DO be considerate of those on the list in your for sale or wanted postings. Keep them short, infrequent, and ONLY include items specifically appropriate to the list -- NO solid state gear is obvious, but try to avoid pushing the envelope in any area.

5) LONG lists and estate offerings should be sent to me at:
listown@jackatak.theporch.com
so they may be uploaded to the archives for email, web, or ftp retrieval.

6) We now have a web page up. Go to:
<http://www.theporch.com>
and follow the "ListProc Web Interface" Link to get registered
and use the web interface, which allows searching of previous
articles and the archived text files.

Thanks for your understanding and help in making the boatanchors list
have the highest signal to noise on the InterNet.

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"
"Il n'y a que les idiots qui ne changent jamais d'idee"
Tue Feb 1 11:15:01 CST 2000

Date: Tue, 1 Feb 2000 12:17:43 -0500
From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
Message-Id: <200002011717.MAA16004@aa4rm.ba-watch.org.>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FIVE EUPHORIA

couldn't resist. devil made me do it

From: "Larry L. Ravlin" <sheepdip@continet.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: CHOKE
Date: Tue, 1 Feb 2000 12:02:42 -0800
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-ID: <20000201200237281.AAA80@falcon.continet.com@his-highness>

Gentlemen,

I am in need of CH1, the screen B+ filter for the RF deck in the Globe King
500C.

Larry AA7LR

Message-ID: <38977865.CCACB44D@cccconline.net>
Date: Tue, 01 Feb 2000 19:20:54 -0500

From: Bill Breshears <bbuck@cccconline.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need Schmatic Cheyenne Xmtr
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I need a copy of the schematic for the Heath kit MT-1 "Cheyenne"
HF transmitter. Will pay usual print/mail.

A junker, if available, would be nice too.

Please e-mail direct.

Thanks,

Bill Breshears WC3K

Date: Tue, 1 Feb 2000 21:06:01 -0500 (EST)
Message-Id: <1.5.4.16.19800104215256.10977084@pop1.sympatico.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Andre Guibert <aguibert@sympatico.ca>
Subject: Wanted: WS11 Operating/Schematics Manual

Bonsoir to All
In making articles on Mill. Radios I cannot find the
Operating/ Schematics Manual for the WS11.
Will not use photocopies from "Wireless for the Warrior".
We have a circulation of 60 copies and cannot afford the
cost of rights to copy.
Will gladly pay for photocopies/shipping costs(From Manual)
If you have one for sale, please advise.
Best Regards
Andre

Andre Guibert
aguibert@sympatico.ca

Message-ID: <000c01bf6d34\$31ba8ea0\$5568fea9@g5p3m4>
From: "Ed Zeranski" <ezeran@concentric.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: TCS Coast to Coast!

Date: Tue, 1 Feb 2000 20:15:50 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Christopher A.Bowne <radiobwn@ricconnect.com>
To: Old Tube Radios <boatanchors@theporch.com, hbrown@aol.com, W7QH0@aol.com, najem1029@aol.com>
Date: Sunday, January 30, 2000 7:21 AM
Subject: TCS Coast to Coast!

>Well, we made it - our TCS 12s in CT to Hank W6DJX (TCS 8s) and Dennis
>W7QH0 (TCS 15 TX, TCS 12/Q5er RX) in CA.

Hank and Dennis,

Have passed the word along to local folks with TCS/ARC-5/Radio
nasties for the Sunday CW effort.

From: "Ed Tanton" <n4xy@att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "BoatAnchor Reflector" <boatanchors@theporch.com>,
"Randy Tudor" <rtudor@att.net>
Subject: RA-17C Impressive!!!
Date: Wed, 2 Feb 2000 00:00:47 -0500
Message-ID: <NBBBJDEEIFDDANGEGHLBOEJIIKAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a confession: I bought my RA-17C several years ago. (See my website in: Boatanchors > Receivers > RACAL for a very interesting story about THIS particular RA-17C.) The confession is that I powered it up on a VERY short indoor wire, was not impressed, and put it on the shelf. Been there until tonight.

I decided I was too unhappy with the operating calibration (and one of the essential plug-in modules ['D'] didn't work) of my HRO-60 to continue using it. So, trying to figure what to replace it with from the receivers I own, I picked the RA-17C. When I tried it on just the short, indoor wire; it seemed that the two sharpest filters flat out didn't work. Hm-m-m. Etc. Etc. Was I ever wrong!!!

I got it onto the operating-desk, and for the 1st time this evening the RA-17C had a decent (enough-a G5RV at 35 ft.) What a different animal it became. Hot as a pistol, with signals aplenty, and excellent calibration. ALL the filters worked like a million \$\$\$, including the 100Hz filter! Of course stable as a rock.

I use a setup whereby I have a Grimm RG-8103 Receiver MultiCoupler, and 16 outputs. Online are my RACAL RA 6790/GM, ITT-Mackay Marine 3031-A, and Ten Tec SP-325 in the Ham Radio Receiving Rack. (There's a picture of that near the bottom of my homepage.) So, I used the '6790 for its 1 Hz calibration (actually 1 kHz was the finest I was observing/comparing.) I cross checked both with 10MHz WWV, just to be sure. Only deviation was that the '17 needs to have its CAL crystal tuned about 500Hz higher. Linearity was excellent on the RA-17C... as was everything else.

In making my choice for an operating-position receiver (until I can go over the HRO-60 [or get it done... any experts out there on HROs?]) I considered my BEST BA: my R-390-A that was recently completely gone over by Chuck Rippel. BUT the turns from 3.5MHz to 7 or 14MHz (it's the '.5' to '.0' -or vice versa-that's the KILLER!!!) made me consider something else for the ham station receiver. (Also, I plan to get the Sherwood Synch. Detector when I can afford it-so that puts the '390 in the other category from 'Ham Radio'... that is: SWL.) The best available then was clearly the RA-17C-if it would just work OK. Did it ever!!! So, I think that settles that for a while. I have to move a wall-shelf above the rcvr that is preventing it from moving into a comfortable position, all the way back on my desk, but that's about it.

I DO have to stop trying to tune the MCs knob when I mean to tune KCs. And, with the vernier on the BFO, I need to do the small adjustments you make during a QSO with that knob, and not (even) the KCs knob.

I had several QSOs on 40M CW using it (with my EFJ Ranger II), and was extremely pleased.

If anyone is keeping track of RACAL SNs, let me know, and I'll send it to you.

Bottom Line: The RA-17C is a WONDERFUL receiver-as I had been told. I believe my R-390-A is superior (in the condition it is NOW in-Chuck does AMAZING work-there are pictures of it in the website also (Boatanchors > Receivers... etc.) if you don't count the tuning business, but the RA-17C is THE CLOSEST to it that I have seen in tube receivers-and the ability to move that MCs knob as well as the flywheel capability of both the MCs & KCs (MHz and kHz for you newbies) makes it a better choice for me-I believe. I'll put a photo on the website AFTER moving the shelf, and moving it into a proper position.

Ed Tanton N4XY <n4xy@arrl.net>

Website: www.qsl.net/n4xy

"Do what's right. You'll please some people, and amaze everyone else."

Mark Twain

Message-Id: <3.0.5.32.20000201223133.00832210@proaxis.com>
Date: Tue, 01 Feb 2000 22:31:33 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: Hue Miller <kargokult@proaxis.com>
Subject: Re: TCS models
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This sent to me by friend, and forwarded for any comment:

>Agree on the antenna current meter statement about TCS. I'm not
>aware of any other major differences, other than the TCS-5 had
>pegs instead of guard loops on the front panel. Also the TCS-5
>had a clear plastic (glass?) cover on the coil box. That still
>puzzles me, but I can clearly see it in my "5" model.
>
>The meter venders also changed, with the later models not having
>the re-inforced bezel screw housing. My TICS-5 has slightly "hazed"
>glass on the meters, so you have to view them head on, and not on
>the side. Parallax prevention?

Hue Miller

Message-ID: <38984005.4C77558D@ix.netcom.com>
Date: Wed, 02 Feb 2000 08:32:38 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ARRRG! DROWNED RATs!
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My fumble fingers have created yet another disaster
(so what else is new, right? ;-).
While moving some of my display radios around,

I knocked over a cup of (black, thank God)
coffee and dumped it squarely
into two very rare RAT receivers.
These aren't Halli S-38s; only 50 were made and
there probably aren't a dozen of each model left
in all the world.

Coffee is acid. I've read here repeatedly that common tap
water contains contaminants that will eventually corrode,
so I can't just flush them with it.
Finding spare parts ten years from now when the coffee eats
the coils is going to be impossible.

Is distilled water the way to go?
What's the opinion of our learned colleagues?

TNX ES 73 DE Dave AB5S

Message-ID: <004001bf6d8d\$44c2d9e0\$992129d8@tne1tcds>
From: "Richard Brunner" <rbrunner@gis.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: "Bluing"
Date: Wed, 2 Feb 2000 09:52:16 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've got some knobs made of aluminum and
switch toggles made of either brass or steel
which, at one time, were "blued" in some fashion.
That is, they have a dark, near black coating
this is not paint. You've doubtless seen this
on "blued" firearms.
Can anyone tell me how this "bluing" might be restored?

Yes! Any gun shop will sell "Cold Bluing." You merely wipe it on, and in
a few moments/minutes wipe it off, and you have a beautiful blued finish.
Tradiional Bluing is a bit more complicated, and there is also a simple
laboratory procedure which I cannot remember. That takes care of steel,
and probably brass. Aluminum requires anodizing, which I believe can be
done in the kitchen. I have used Cold Bluing for screws and small parts
with excellent results.

Richard Brunner, AA1P, PGP, rbrunner@gis.net

Message-Id: <4.1.20000202080643.00baf740@mail.pcisys.net>
Date: Wed, 02 Feb 2000 08:18:58 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Jack Harper <jharper@bsi2000.com>
Subject: Hammarlund HX-500...
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Happy Groundhog Day to the List...

Over the weekend I picked up a Hammarlund HX-500 transmitter that appears to be in good cosmetic shape -- just a little corrosion on the chassis top but very little crud elsewhere. Outside cosmetic paint is in very good condition with just a small scratch here or there...

The ham that I bought it from in California tells me that he powered it up slowly on a variac and that the tubes lit etc but that there was no output at all.

Looking through the original documentation and papers that came with it from the original SK's estate -- it seems that he wrote a letter to Hammarlund requesting a replacement power transformer back in 1970 -- but they informed him that such a thing was unavailable due to the HX-500 being out of production. However -- good news -- I see handscribbled notes dated 1972 where he took "Normal voltage readings" that show the presense of HV -- so, perhaps he replaced the dead transformer after all...

I intend to replace the ancient two-wire power cord with a three-wire to perhaps extend *my* life a bit further -- and then go through the beast -- clean it up of course and check the resistances/capacitances and the like -- the usual drill... -- all of that before I power it up. This will be, due to my currently over worked condition at the job (80+ hour weeks), a long process.

Question: What can someone tell me about the HX-500? How many were built? Is it as difficult to work with, at least for me, as the HX-50? The alignment procedures look pretty rough -- it is clear that a lot of time and expertise (trial and error in my case :) will be required to get this guy back to life. It *is* a beautiful transmitter though.

All information greatly appreciated.

Regards from the wild and woolly Rocky Mountains...

Jack, W0YJ (Friend to all things Hammarlund)
Evergreen, Colorado USA

Jack Harper
303-231-9095

BSI2000, Inc.
Lakewood, Colorado USA

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Optical Cards for Bank, EBT, and Medical Applications
Visit our Web Page: <http://www.bsi2000.com> (Last Update: 991218)

Message-ID: <000801bf6da0\$1f0ffe40\$ee64e7d0@sandy-s-pentium>
From: "Sandy W5TVW" <ebjr@i-55.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: "Bluing" on metal parts...
Date: Wed, 2 Feb 2000 11:06:52 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Someone wrote:

I've got some knobs made of aluminum and
switch toggles made of either brass or steel
which, at one time, were "blued" in some fashion.
That is, they have a dark, near black coating
this is not paint. You've doubtless seen this
on "blued" firearms.
Can anyone tell me how this "bluing" might be restored?

Firstly, it depends on what the metal is! Steel can be
easily "blued", if clean and grease free, with "cold bluing"
available from a gun shop or a gunsmith. It is, in reality,
a controlled "rusting" or corrosion process.

You cannot use this on brass, aluminium or copper!
Brass can be "blackened" by chemical means. Aluminium
that appears "blackened or blued" has probably been
anodized and then dyed the desired color.

I don't recall what chemical works on brass and
I have never attempted to anodize aluminium (An
electrolytic process as I recall). Once anodized, it
can be dyed any color desired by common dying

agents.

I am no chemist, but we have some "resident" chemists on the reflector, who I'm sure will set you straight.

73,

Sandy W5TVW

Date: Wed, 2 Feb 2000 12:18:20 -0500 (EST)
Message-Id: <200002021718.MAA09031@vnet.villagenet.com>
From: WF2U <mbendror@villagenet.com>
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 8bit
Subject: Re: TCS Coast to Coast
Content-Transfer-Encoding: 8bit

We made a Trans-Atlantic Wireless Set 19 - to - Wireless Set 19 contact in February, 1999. You can read about it on the WS19 Collectors Group web pages at <http://www.qsl.net/ve3bdb> . The TCS has a much better performance in comparison to the WS19...
If my busy schedule allows it, I'll try to get in on the action with my TCS.

73 de Meir WF2U

(WF2U - LA5MT and IK0MOZ, WS19 -to- WS19, Feb 1999)

Date: Wed, 2 Feb 2000 12:36:40 -0500 (EST)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: "Bluing" on metal parts...
Message-ID: <Pine.SUN.3.91-FP.1000202123434.16816B-1000000@osfn.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Brass can be "blackened" by chemical means.

I think you can get brass blackener at hobby shops that deal with high end models. Many railroad and ship model details are cast brass and need to be black for the models.

William Donzelli

aw288@osfn.org

To: Old Tube Radios <boatanchors@theporch.com>
Date: Wed, 2 Feb 2000 09:16:18 -0600
Subject: STUFF FS
Message-ID: <20000202.113359.-426975.22.jackiv@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: JACK Iverson <jackiv@juno.com>

I have found the following in cleaning out the garage: will trade or??

2 -each ARC-5 T-21 TX complete, all original tubes, one in original box.

2- each Central Electronics BC-348 basic VFO mod kits, with instructions in original boxes,
one unopened.

A partially built C.E. 20A chassis, seems all parts on chassis, wiring harness has been
installed and wired in some spots. power tx and the rf parts are all there. no cabinet or
front panel.

2- each Gonset mobile converters, have been used and a little abused. holes in cabinet
tops, coax hard and old. complete.

2-each Collins filters in original factory boxes. p/n 526 9317 117F 455 K3.1

2-each as above, p/n 526 9169 117F 455 K2.1

I prefer to trade for something that I can use, but will sell , I do not have an exxx

account!! reply direct please. 73 jack

Message-ID: <38987181.652EF942@ix.netcom.com>
Date: Wed, 02 Feb 2000 12:03:45 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: ARC-5 <arc5@qth.net>, "MilSurplus@qth.net" <MilSurplus@qth.net>, Old Tube Radios <boatanchors@theporch.com>
Subject: Re: [ARC5] Re: TCS Coast to Coast

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

WF2U wrote:

>...The TCS has a much better
> performance in comparison to the WS19...
To be fair to the great WS-19, it- like the
SCR-274N- was designed with AM phone in mind.
Code was very secondary. The TCS was built for
good performance in both modes.

73 DE Dave S.

Message-Id: <200002021804.MAA26795@mail.hal-pc.org>
To: Old Tube Radios <boatanchors@theporch.com>
From: tsmith@hal-pc.org
Subject: RE: Bluing on metal parts...
Date: Wed, 2 Feb 100 18:00:59 GMT

> > Brass can be "blackened" by chemical means.
>
> I think you can get brass blackener at hobby shops that deal with high
> end models. Many railroad and ship model details are cast brass and need
> to be black for the models.
>
> William Donzelli
> aw288@osfn.org
>

There seems to be a thread developing on the subject. I replied directly to
Brian but maybe others could use the info.

Boat dealers that sell Hobie catamarans, and I'm sure other sailboat dealers,
have a little kit for touching up the scratches and scrapes on the aluminum
masts. It's not a paint and it works well on the aluminum. I think it's a
anodizing process. Should work well on aluminum knobs etc. that you want black.

73 Tom N5AMA

End of BOATANCHORS Digest 2795
